

Maths and PE Assessment

Statistical Investigation into your Fitness and Strength

Checkpoint	Due Date	Assessment Requirement
17 June	Final assessment hand in: Friday 26th June, 3pm	Completed statistical investigation on Fitness and Strength

Problem: Pose a question	
What are we trying to find out about Fitness and strength	
What is the purpose of your statistical investigation?	
Write 'I Wonder Questions' about Fitness and Strength. Make sure these relate to the purpose of the assignment.	I Wonder: <ul style="list-style-type: none"> • ... • ... • ...
Plan: Plan your investigation	
What do you need to find out?	
What do you need to do? Create a training schedule based on your pre-test results and goal setting in class.	
How will you do it?	

When will you get each part done?	<ul style="list-style-type: none"> ● ... ● ... ● ... ● ...
Contextual Sources	
<p>List sources you might use below. You may like to make notes beside your link on what this source will help you find.</p> <ul style="list-style-type: none"> ● ... ● ... ● ... 	
Analysis:	
Clean, organise and display the data you have gathered	
Statistical Data	
<p>Present your statistical data in appropriate graphs or charts.</p> <p>Some resources below:</p> <p>Boxplots</p> <p>Line Graphs</p> <p>Double Bar graphs</p> <p>Pie Charts</p> <p>Stem and Leaf plots</p>	
Conclusion:	
Write your report below...	

Achievement Objectives

Statistical investigation

Plan and conduct surveys and experiments using the statistical enquiry cycle:

- determining appropriate variables and measures
- considering sources of variation
- gathering and cleaning data
- using multiple displays, and re-categorising data to find patterns, variations, relationships, and trends in multivariate data sets

- comparing sample distributions visually, using measures of centre, spread, and proportion